



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

Mid Atlantic Vinyl Products, Inc.
5109 Commonwealth Drive
Fredericksburg, VA 22407

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Extruded PVC Vinyl Fencing

APPROVAL DOCUMENT: Drawing No. S-4108, titled "PVC Privacy Fence", sheets 1 through 7 of 7, prepared by R W Building Consultants, Inc., dated March 13, 2012, signed and sealed by Lyndon F. Schmidt, P.E., on April 10, 2012, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each fence section shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
09/13/2012

NOA No. 12-0416.13
Expiration Date: 09/13/2017
Approval Date: 09/13/2012
Page 1

Mid Atlantic Vinyl Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. S-4108, titled " PVC Privacy Fence ", sheets 1 through 7 of 7, prepared by R W Building Consultants, Inc., dated March 13, 2012, signed and sealed by Lyndon F. Schmidt, P.E., on April 10, 2012.*

B. TESTS

1. *Gravity Load Test report, prepared by Testing Evaluation Laboratories, Inc., Report # TEL 02760460, dated February 07, 2012, signed and sealed by William Brian Shelton, P.E.*

C. CALCULATIONS

1. *Calculation prepared by R W Building Consultants, Inc., two pages, dated April 10, 2012, signed and sealed by Lyndon F. Schmidt, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *Test report on Accelerated Weathering (ASTM G 155) and Tensile Testing (ASTM D 638); Self Ignition (ASTM D 1929); Smoke Density (ASTM D 2843); Rate of Burn (ASTM D 635), prepared by Architectural Testing, Report # B1090.01-119-18, dated 01/18/2012, signed and sealed by Joseph Reed, P.E.*

F. OTHERS

1. *Florida Building Code, 2010 edition, compliance letter prepared by R W Building Consultants, Inc., dated April 10, 2012, signed and sealed by Lyndon F. Schmidt, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0416.13
Expiration Date: 09/13/2017
Approval Date: 09/13/2012



MID ATLANTIC VINYL PRODUCTS
5019 Commonwealth Drive
Fredericksburg, Virginia 22407

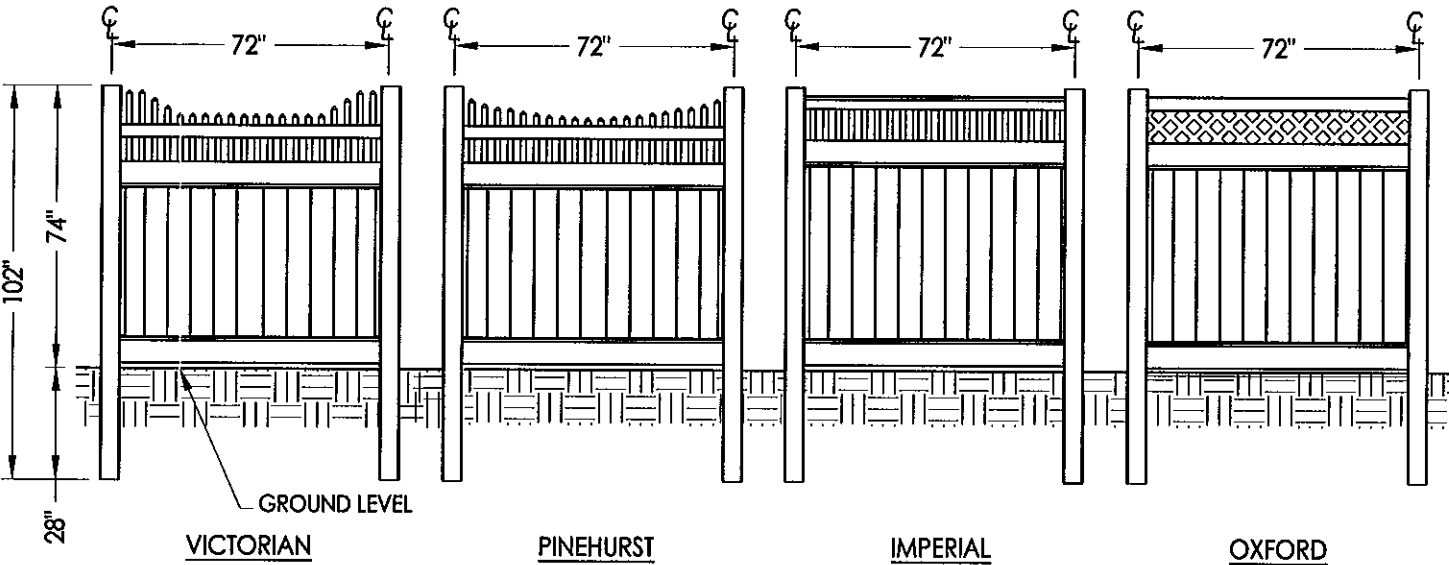
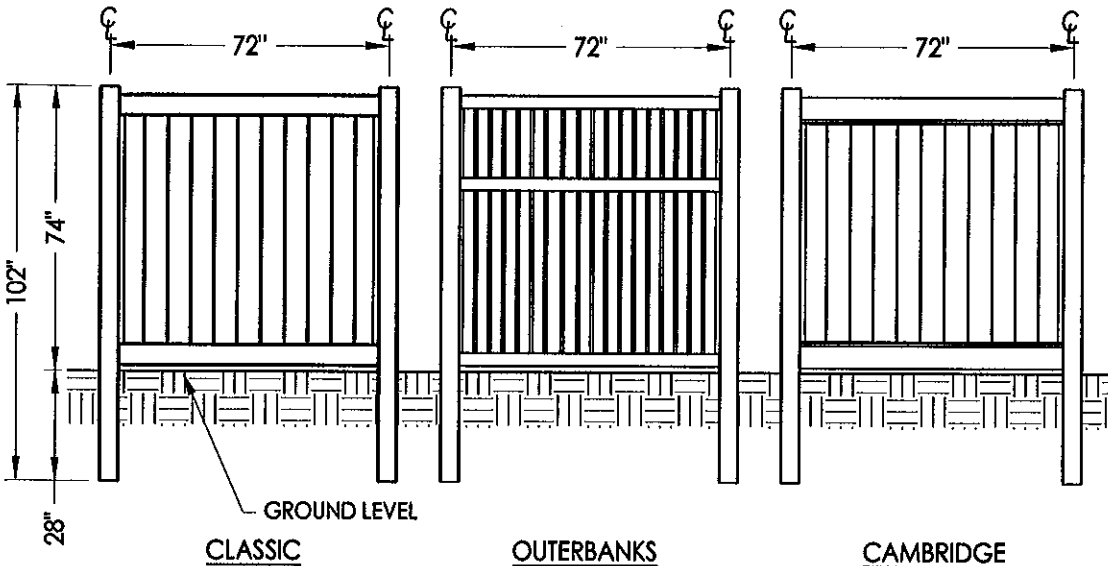
PVC PRIVACY FENCE

GENERAL NOTES

1. This product is designed to comply with the "HVHZ" Florida Building Code.
2. For wind load rating see chart this sheet.
3. Installation of this fence shall be based on this product approval documents with no deviation from the conditions detailed on this document.
4. This Product Approval Document (P.A.D.) will be considered invalid if modified.
5. Site specific projects shall be prepared by a Florida Licensed Engineer or Architect which will become the Professional Of Record (P.O.R.) for the project and who will be responsible for the proper use of this P.A.D.
6. This fence manufacturer's permanent label shall be placed at each fence assembly. The permanent label shall read as follows:
Mid Atlantic Vinyl Products, Inc.
Fredericksburg, VA
Miami - Dade County
Product Control Approved
7. Tested in accordance with Metro-Dade County performance test requirements as reported in test report # TEL 02760460 issued by Testing Evaluation Laboratory.
8. The fence post, rails and pickets are a coextruded part with a min. 0.020" (+/- .005") cap stock which contains "UV" inhibitors. All parts shall be made of PVC that is manufactured by Mid Atlantic Vinyl Products, Inc. Refer to PVC material specifications for tested properties.

PVC Material Specifications	Test	PVC Properties
		White
Rate of Burning	ASTM D635	Class CC1
Self-Iginition Temperature (Spontaneous)	ASTM D1929	860°F > 650°F
Average Smoke Density Rating	ASTM D2843	64.4 < 75
Tensile Strength (Difference Exposed & Unexposed)	ASTM 638	9.9% < 10%

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation & general notes
2	Classic fence details
3	Cambridge fence details
4	Outerbanks fence details
5	Pinehurst and Victorian fence details
6	Oxford fence details
7	Imperial fence details



WIND LOAD RATING

This fence and its vertical supports are designed/tested for 75 mph fastest mile wind speed or 115 mph 3-second gust in compliance with section 1615.2.1 of the Florida Building Code (Design Pressure = 16.5 psf).

Approved as complying with the
Florida Building Code
Date 9/13/2012
NOA# 12-0416-13
Miami Dade Product Control
By *[Signature]*

Documents Prepared By:
[Signature]
BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
Lyndon F. Schmidt P.E. No. 43409

PRODUCT:
PVC PRIVACY FENCE

PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

NO.

DATE

BY

REVISIONS

DATE: 3/13/12

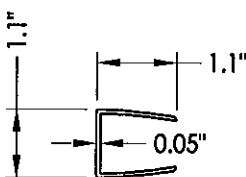
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: S-4108

SHEET 1 OF 7

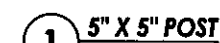


4 U CHANNEL
See note 1



NOTE:

1. "U" channel is attached to the fence post with #10 x .75" self-drilling TEK screws located @ 2.5" from the top and bottom with one at the centerline.



Approved as complying with the
Florida Building Code
Date 09/13/2012
NOA# 12-0416.13
Miami Dade Product Control
By Heather A. Melton

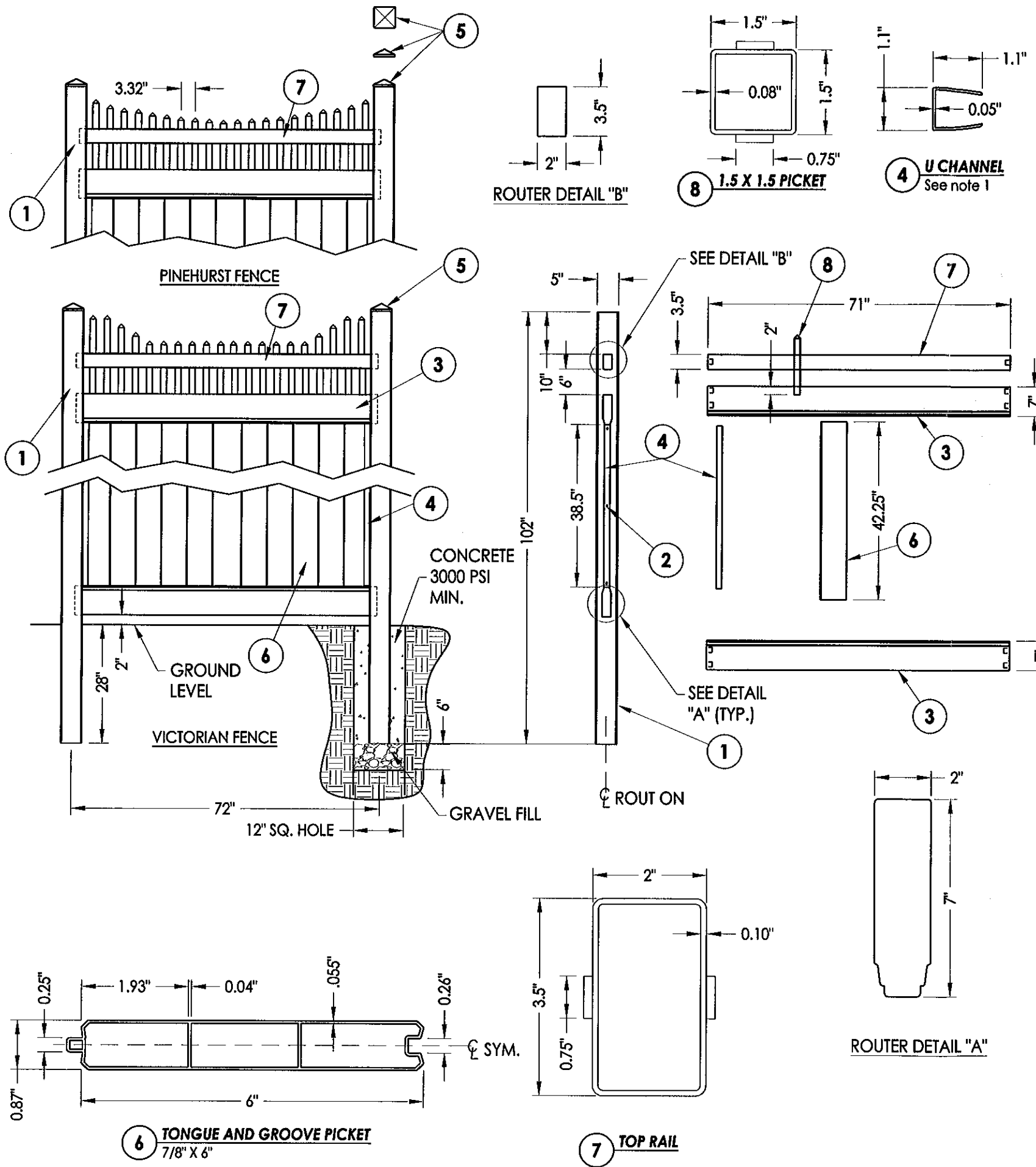
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SCALE: N.T.S.	
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.: S-4108	
SHEET 3 OF 7	

Documents Prepared By:

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813

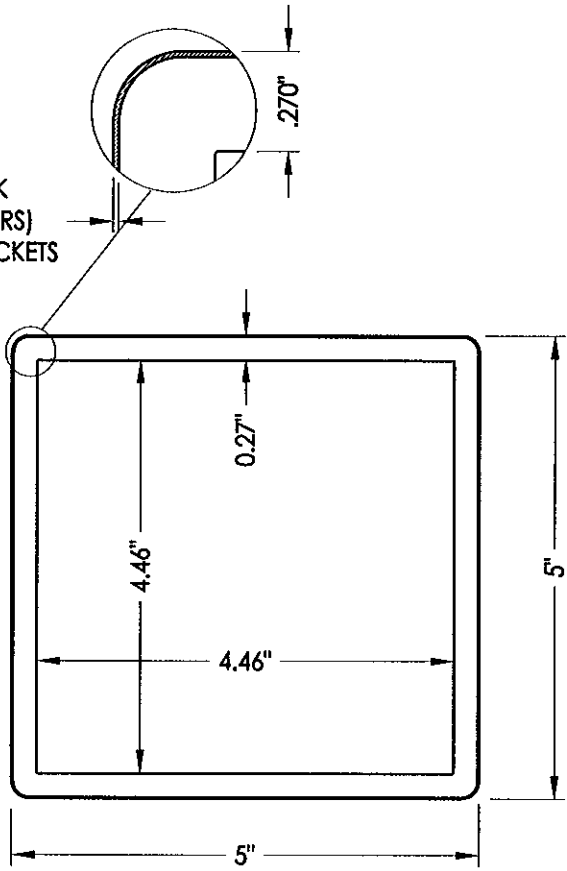
Lyndon F. Schmidt P.E. No. 43409



BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
1	5" X 5" POST	PVC
2	#10 X 0.75" PH SELF-DRILLING TEK SCREW	STEEL
3	MID & BOTTOM RAIL	PVC
4	U CHANNEL	PVC
5	POST CAP	PVC
6	TONGUE AND GROOVE PICKET 7/8" X 6"	PVC
7	TOP RAIL	PVC
8	1.5" X 1.5" PICKET	PVC

NOTE:
1. "U" channel is attached to the fence post with #10 x .75" self-drilling TEK screws located @ 2.5" from the top and bottom with one at the centerline.

MIN. .015" CAP STOCK
(CONTAINS UV INHIBITORS)
TYP. ALL POST, RAILS & PICKETS



1 5" X 5" POST

Approved as complying with the
Florida Building Code
Date 09/13/2012
NOA#12-046-13
Miami Dade Product Control
By *Healy A. Miller*

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813-659-9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Lyndon F. Schmidt P.E. No. 43409

PRODUCT: PVC PRIVACY FENCE
PART OR ASSEMBLY: PINEHURST AND VICTORIAN FENCE DETAILS

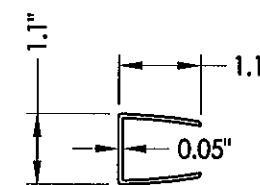
NO.	DATE	BY

DATE: 3/13/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: S-4108
SHEET 5 OF 7

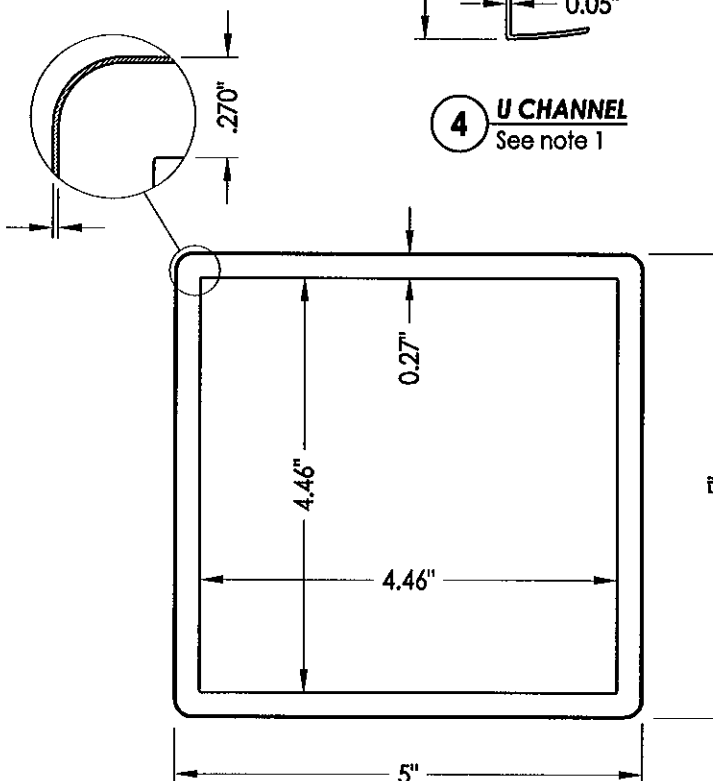
NOTE:

1. "U" channel is attached to the fence post with #10 x .75" self-drilling TEK screws located @ 2.5" from the top and bottom with one at the centerline.

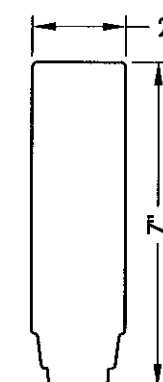
MIN. .015" CAP STOCK
(CONTAINS UV INHIBITORS)
TYP. ALL POST, RAILS & PICKETS



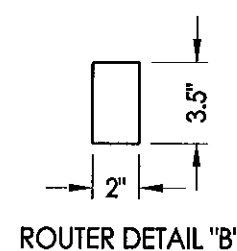
4 U CHANNEL
See note 1



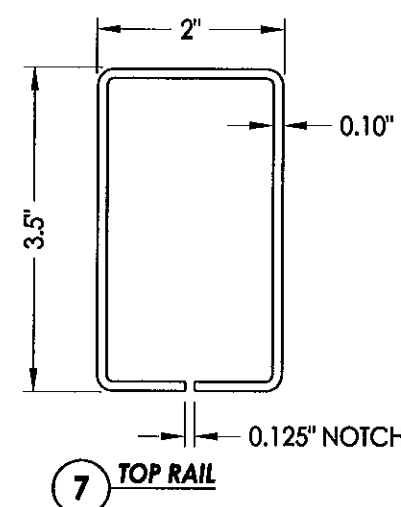
① 5" X 5" POST



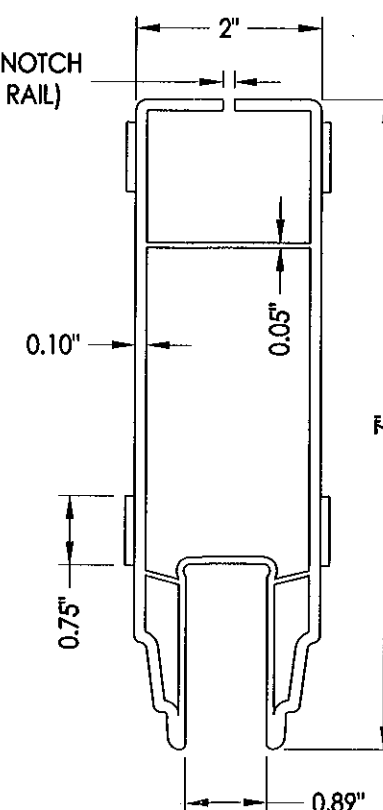
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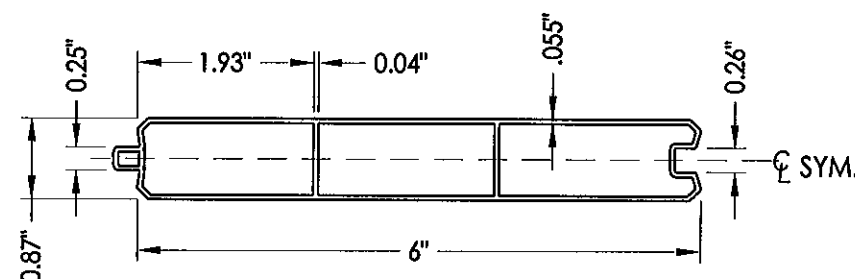
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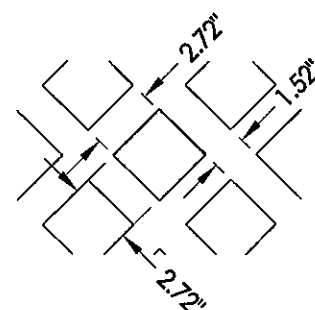
7 TOP RAIL



② MID & BOTTOM RAIL



6 TONGUE AND GROOVE PICKET
7/8" X 6"



8 LATTICE
0.125" thick X 12" wide

Documents Prepared By:

Documents Prepared By: **RW** BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
PSL 4-10-12
Lyndon F. Schmidt P.E. No. 43409

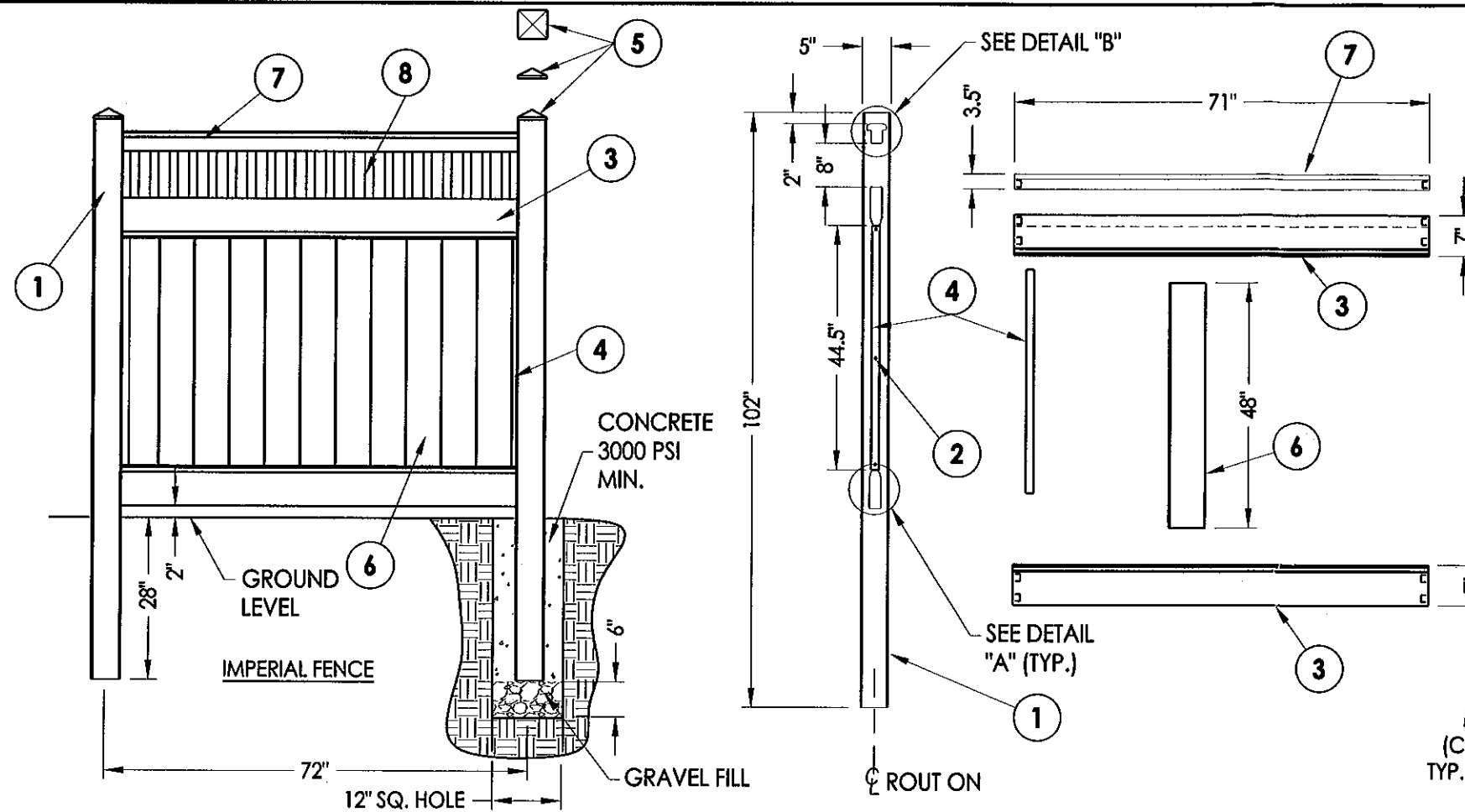
© 2012 R.W. BUILDING CONSULTANTS INC.

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DATE:	3/13/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	S-4108
SHEET	6 OF 7

Approved as complying with the
Florida Building Code
Date 09/13/2012
NOA# 12-0416.13
Miami Dade Product Control
By [Signature]

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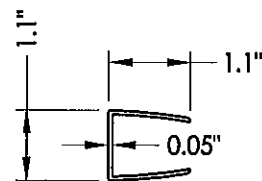
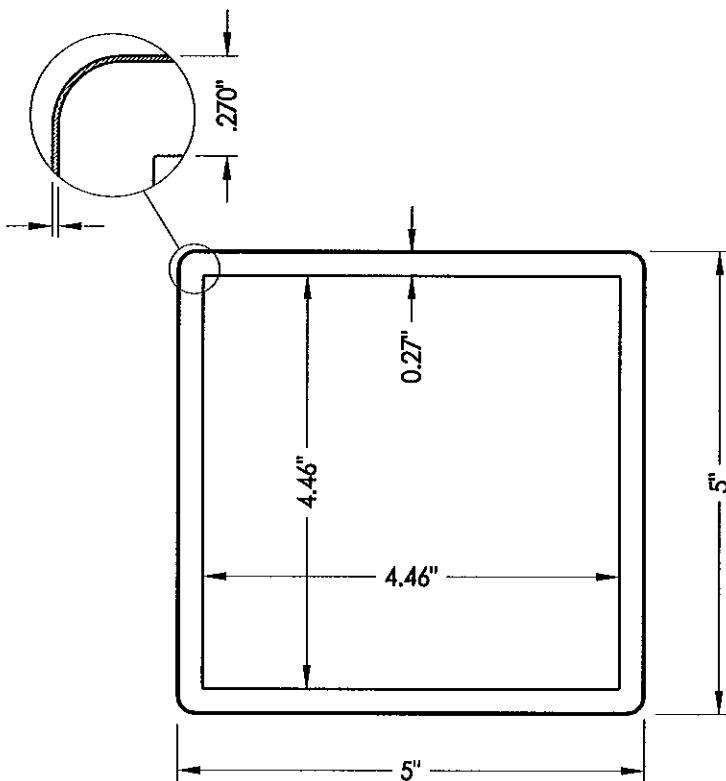


BILL OF MATERIALS		
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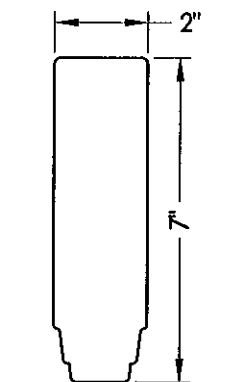
NOTE:

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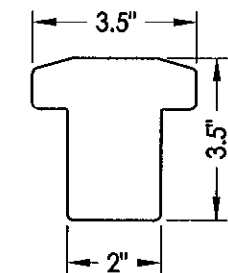
MIN. .015" CAP STOCK
(CONTAINS UV INHIBITORS)
TYP. ALL POST, RAILS & PICKETS



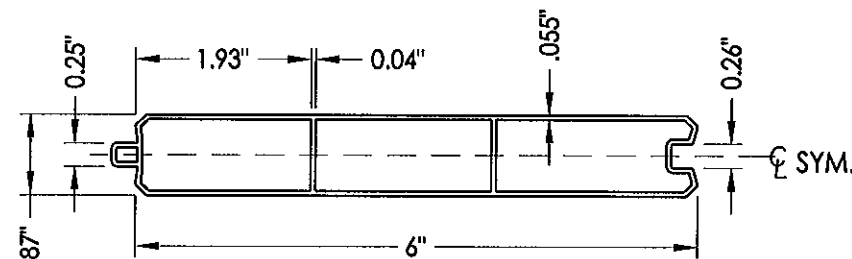
4 U CHANNEL
See note 1



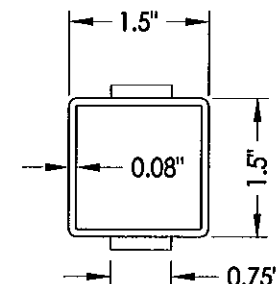
ROUTER DETAIL "A"



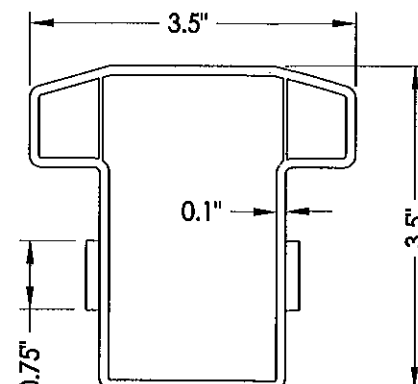
ROUTER DETAIL "B"



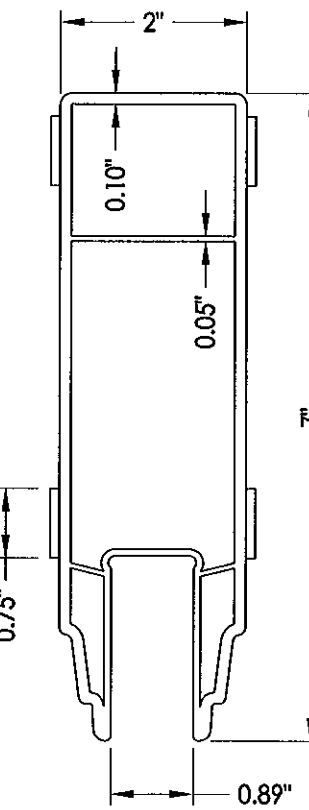
6 TONGUE AND GROOVE PICKET
7/8" X 6"



8 1.5 X 1.5 PICKET



7 TOP RAIL



3 MID & BOTTOM RAIL

Approved as complying with the
Florida Building Code
Date 09/13/2012
NOA#12-0476-13
Miami Dade Product Control
By *Healy A. Miller*

DATE: 3/13/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: S-4108
SHEET 7 OF 7

PRODUCT:
PVC PRIVACY FENCE

PART OR ASSEMBLY:
IMPERIAL FENCE DETAILS

REVISIONS
NO. DATE BY

Documents Prepared By:

RW
BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Lyndon F. Schmidt P.E. No. 43409
4-10-12